

42135



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Dennis W. Davis et al. :

Serial No.: 09/987,674 :

Filed: November 15, 2001 :

FOR: A SYSTEM AND METHOD FOR :
PROVIDING SIMULATED HARDWARE- :
IN-THE-LOOP TESTING OF WIRELESS :
COMMUNICATIONS NETWORKS :

Group Art Unit: 2858

Examiner: Not Assigned

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmit copies of the documents listed in the attached Form PTO-1449, which may be deemed material to the examination of the above-identified application.

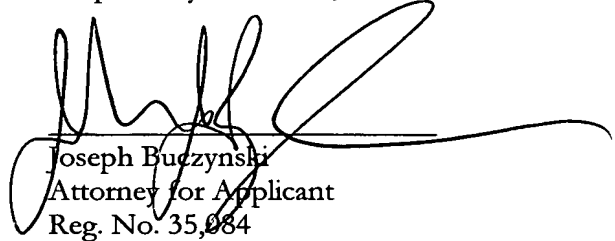
All documents, with the exception of French Patent FR2683326, are in English and require no statement of relevance. Regarding French Patent FR2683326, an English abstract is provided as a brief statement of relevance to the above identified Application as required under 37 C.F.R. § 1.98. Also, since the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

Applicant's representative is attempting to obtain copies of the references cited in the application which are not included in this IDS but will be filed shortly in a Supplemental IDS.

The Examiner is requested to consider the attached documents in connection with the above-identified application and to return a copy of Form PTO-1449 to the Applicants with the Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,



Joseph Buczynski
Attorney for Applicant
Reg. No. 35,084

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, D.C. 20036-2680
(202) 659-9076

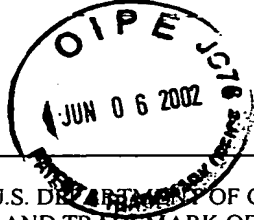
Dated: June 6, 2002



Form PTO-1449 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 42135	SERIAL NO. 09/987,674
	APPLICANT Dennis W. Davis et al.	
	FILING DATE November 15, 2001	GROUP 2858

U.S. Patent Documents

Examiner Initial	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	6,349,210	02/19/02	Li	455	450	11/03/00
	6,349,091	02/19/02	Li	370	238	11/07/00
	6,327,300	12/04/01	Souissi et al.	375	219	10/25/99
	6,304,556	10/16/01	Haas	370	254	08/24/98
	6,285,892	09/04/01	Hulyalkar	455	574	11/24/98
	6,275,707	08/14/01	Reed et al.	455	456	10/08/99
	6,249,516	06/19/01	Brownrigg et al.	370	338	01/27/00
	6,246,875	06/12/01	Seazholtz et al.	455	432	03/26/99
	6,240,294	05/29/01	Hamilton et al.	455	456	05/30/97
	6,223,240	04/24/01	Odenwald et al.	710	129	01/31/00
	6,208,870	03/27/01	Lorello et al.	455	466	06/01/99
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	6,147,975	11/14/00	Bowman-Amuah	370	252	06/02/99
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	5,991,279	12/23/99	Haugli et al.	370	311	12/04/96
	5,987,033	11/16/99	Boer et al.	370	445	09/08/97
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	5,896,561	04/20/99	Schrader et al.	455	67.1	12/23/96
	5,886,992	03/23/99	Raatikainen et al.	370	410	04/15/97
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	5,870,350	02/09/99	Bertin et al.	365	233	05/21/97
	5,857,084	01/05/99	Klein	395	309	10/02/96
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	5,822,309	10/13/98	Ayanoglu et al.	370	315	06/15/95
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	5,787,080	07/28/98	Hulyalkar et al.	370	348	06/03/96
	5,781,540	07/14/98	Malcolm et al.	370	321	06/30/95
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	5,706,428	01/06/98	Boer et al.	395	200	03/14/96
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	5,687,194	11/11/97	Paneth et al.	375	283	04/22/93
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	5,623,495	04/22/97	Eng et al.	370	397	06/15/95
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	5,517,491	05/14/96	Nanni et al.	370	29	05/05/95
	5,502,722	03/26/96	Fulghum	370	69.1	08/01/94
	5,424,747	06/13/95	Chazelas	342	70	04/09/93
	5,412,654	05/02/95	Perkins	370	94.1	01/10/94
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	Pub. No.	Pub. Date	Patentee	Class	Sub-class	Filing Date
	2001/0053699	12/20/01	McCraday et al.	455	513	02/06/01

Foreign Patent Documents or Foreign Patent Applications

	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
						Yes	No
	EP 0513841 A2	11/19/92	EPO			X	
	EP 0513841 A3	11/19/92	EPO			X	
	EP 0924890 A2	06/23/99	EPO			X	
	EP 0627827 A2	12/07/94	EPO			X	
	WO 9912302	03/11/99	WIPO			X	
	WO 9839936	09/11/98	WIPO			X	



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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Dennis W. Davis et al.			
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Foreign Patent Documents or Foreign Patent Applications							
		WO 9724005	07/03/97	WIPO			X
		WO 9608884	03/21/96	WIPO			X
		WO 0235253	05/02/02	WIPO			X
		WO 0137483	05/25/01	WIPO			X
		WO 0137482	05/25/01	WIPO			X
		WO 0137481	05/25/01	WIPO			X
		WO 0135567	05/17/01	WIPO			X
		WO 0133770	05/10/01	WIPO			X
		WO 0110154	02/08/01	WIPO			X
		WO 0034932	06/15/00	WIPO			X
		CA 2132180	03/16/96	Canada			X
		FR 2683326	07/05/93	France			X
Other Documents (including Author, Title, Date, Pertinent Pages, etc.)							
Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication					
		Richard North, Dale Bryan and Dennis Baker, "Wireless Networked Radios: Comparison of Military, Commercial, and R&D Protocols", February 28-March 3, 1999, 2 nd Annual UCSD Conference on Wireless Communications, San Diego CA					
		Benjamin B. Peterson, Chris Kmiecik, Richard Hartnett, Patrick M. Thompson, Jose Mendoza and Hung Nguyen, "Spread Spectrum Indoor Geolocation", August 1998; Navigation: Journal of the Institute of Navigation, vol. 45, no. 2, summer 1998					
		Josh Broch, David A. Maltz, David B. Johnson, Yih-Chun Hu and Jorjeta Jetcheva, "A Performance Comparison of Multi-Hop Wireless Ad Hoc Network Routing Protocols", October 25-30, 1998, Proceedings of the 4 th Annual ACM/IEEE International Conference on Mobile Computing and Networking					
		C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol"					
		Chip Elliott and Bob Heile, "Self-Organizing, Self-Healing Wireless Networks", 2000 IEEE					
		J.J. Garcia-Luna-Aceves and Asimakis Tzamaloukas, "Reversing the Collision-Avoidance Handshake in Wireless Networks"					
		J.J. Garcia-Luna-Aceves and Marcelo Spohn, "Transmission-Efficient Routing in Wireless Networks Using Link-State Information"					



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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)		
		J.J. Garcia-Luna-Aceves and Ewerton L. Madruga, "The Core-Assisted Mesh Protocol", August 1999, IEEE Journal on Selected Areas in Communications, vol. 17, no. 8
		Ad Kamerman and Guido Aben, "Net Throughput with IEEE 802.11 Wireless LANs"
		J.R. McChesney and R.J. Saulitis, "Optimization of an Adaptive Link Control Protocol for Multimedia Packet Radio Networks"
		Ram Ramanathan and Regina Rosales-Hain, "Topology Control of Multihop Wireless Networks using Transmit Power Adjustment"
		Ram Ramanathan and Martha E. Steenstrup, "Hierarchically-Organized, Multihop Mobile Wireless Networks for Quality-of-Service Support"
		Martha E. Steenstrup, "Dynamic Multipoint Virtual Circuits for Multimedia Traffic in Multihop Mobile Wireless Networks"
		Zhenyu Tang and J.J. Garcia-Luna-Aceves, "Collision-Avoidance Transmission Scheduling for Ad-Hoc Networks"
		George Vardakas and Wendell Kishaba, "QoS Networking With Adaptive Link Control and Tactical Multi-Channel Software Radios"
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		